

CLAIMS

1. A diagnostic drug for autoimmune diseases, comprising at least one of a polypeptide selected from an HMG-1 family, a polypeptide selected from an HMG-2 family, a fragment thereof which is reactable with an antibody of an autoimmune disease patient,

wherein when the polypeptide is a neutrophil 28kDA antigen, the autoimmune disease is not ulcerative colitis.

2. A diagnostic drug for autoimmune diseases according to claim 1, wherein the autoimmune disease is rheumatoid arthritis, systemic lupus erythematosus, Sjögren's syndrome, Behcet's disease, scleroderma, primary biliary cirrhosis, microscopic polyangiitis/polyarteritis nodosa, ulcerative colitis, Crohn's disease, or autoimmune hepatitis.

3. A diagnostic drug for autoimmune diseases according to claim 1, wherein the polypeptide is selected from human, bovine, porcine, chicken, mouse or rat HMG-1 or HMG-2.

4. A kit for diagnosing autoimmune diseases, comprising at least one of a polypeptide selected from an HMG-1 family, a polypeptide selected from an HMG-2 family, a fragment thereof which is reactable with an antibody of an autoimmune disease patient,

wherein when the polypeptide is neutrophil 28kDA, the autoimmune disease is not ulcerative colitis.

5. A kit for diagnosing for autoimmune diseases according to claim 4, wherein the autoimmune disease is rheumatoid arthritis, systemic lupus erythematosus, Sjögren's

syndrome, Behçet's disease, scleroderma, primary biliary cirrhosis, microscopic polyangiitis/polyarteritis nodosa, ulcerative colitis, Crohn's disease, or autoimmune hepatitis.

6. A kit for diagnosing for autoimmune diseases according to claim 4, wherein the polypeptide is selected from human, bovine, porcine, chicken, mouse or rat HMG-1 or HMG-2.

7. A method for detecting an antibody of autoimmune disease patient, comprising the step of reacting a reagent including at least one of a polypeptide selected from an HMG-1 family, a polypeptide selected from an HMG-2 family, a fragment thereof which is reactable with an antibody of an autoimmune disease patient,

wherein when the polypeptide is a neutrophil 28kDa antigen, the autoimmune disease is not ulcerative colitis.

8. A method according to claim 7, wherein the autoimmune disease is rheumatoid arthritis, systemic lupus erythematosus, Sjögren's syndrome, Behçet's disease, scleroderma, primary biliary cirrhosis, microscopic polyangiitis/polyarteritis nodosa, ulcerative colitis, Crohn's disease, or autoimmune hepatitis.

9. A method according to claim 7, wherein the polypeptide is selected from human, bovine, porcine, chicken, mouse or rat HMG-1 or HMG-2.

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